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1,642

TECH CENTER 1600/2900

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/633,364

DATE: 07/15/2001

TIME: 19:40:03

Input Set : A:\-147-1.app

Output Set: N:\CRF3\07152001\I633364.raw

ENTERED

3 <110> APPLICANT: Fikes, John  
 4 Sette, Alessandro  
 5 Sidney, John  
 6 Southwood, Scott  
 7 Chesnut, Robert  
 8 Celis, Esteban  
 9 Keogh, Elissa  
 10 Epimmune Inc.  
 12 <120> TITLE OF INVENTION: Inducing Cellular Immune Responses to  
 13 Prostate Cancer Antigens Using Peptide and Nucleic Acid  
 14 Compositions  
 16 <130> FILE REFERENCE: 018623-014710US  
 18 <140> CURRENT APPLICATION NUMBER: US 09/633,364  
 19 <141> CURRENT FILING DATE: 2000-08-07  
 21 <150> PRIOR APPLICATION NUMBER: US 60/171,312  
 22 <151> PRIOR FILING DATE: 1999-12-21  
 24 <160> NUMBER OF SEQ ID NOS: 6899  
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 11  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Homo sapien  
 33 <400> SEQUENCE: 1  
 34 Ala Leu Phe Pro Pro Glu Gly Val Ser Ile Trp  
 35 1 5 10  
 36 <210> SEQ ID NO: 2  
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 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Homo sapien  
 41 <400> SEQUENCE: 2  
 42 Ala Leu Gly Thr Thr Cys Tyr Ala Ser Gly Trp  
 43 1 5 10  
 44 <210> SEQ ID NO: 3  
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 46 <212> TYPE: PRT  
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 49 <400> SEQUENCE: 3  
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 51 1 5 10  
 52 <210> SEQ ID NO: 4  
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 54 <212> TYPE: PRT  
 55 <213> ORGANISM: Homo sapien  
 57 <400> SEQUENCE: 4  
 58 Ala Leu Pro Glu Lys Pro Ala Val Tyr  
 59 1 5  
 60 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING  
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62 <212> TYPE: PRT
63 <213> ORGANISM: Homo sapien
65 <400> SEQUENCE: 5
66 Ala Leu Pro Glu Arg Pro Ser Leu Tyr
67 1 5
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70 <212> TYPE: PRT
71 <213> ORGANISM: Homo sapien
73 <400> SEQUENCE: 6
74 Ala Leu Val Leu Ala Gly Gly Phe
75 1 5
76 <210> SEQ ID NO: 7
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapien
81 <400> SEQUENCE: 7
82 Ala Leu Val Leu Ala Gly Gly Phe Phe
83 1 5
84 <210> SEQ ID NO: 8
85 <211> LENGTH: 9
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapien
89 <400> SEQUENCE: 8
90 Ala Met Thr Asn Leu Ala Ala Leu Phe
91 1 5
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 9
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapien
97 <400> SEQUENCE: 9
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99 1 5
100 <210> SEQ ID NO: 10
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102 <212> TYPE: PRT
103 <213> ORGANISM: Homo sapien
105 <400> SEQUENCE: 10
106 Ala Ser Cys His Leu Thr Glu Leu Tyr Phe
107 1 5 10
108 <210> SEQ ID NO: 11
109 <211> LENGTH: 11
110 <212> TYPE: PRT
111 <213> ORGANISM: Homo sapien
113 <400> SEQUENCE: 11
114 Ala Ser Gly Arg Ala Arg Tyr Thr Lys Asn Trp
115 1 5 10
116 <210> SEQ ID NO: 12

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7/15/01

file://C:\CRF3\Outhold\VsrI633364.htm

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Input Set : A:\-147-1.app  
Output Set: N:\CRF3\07152001\I633364.raw

117 <211> LENGTH: 11  
118 <212> TYPE: PRT  
119 <213> ORGANISM: Homo sapien  
121 <400> SEQUENCE: 12  
122 Ala Ser Lys Phe Ser Glu Arg Leu Gln Asp Phe  
123 1 5 10  
124 <210> SEQ ID NO: 13  
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126 <212> TYPE: PRT  
127 <213> ORGANISM: Homo sapien  
129 <400> SEQUENCE: 13  
130 Ala Ser Leu Ser Leu Gly Phe Leu Phe  
131 1 5  
132 <210> SEQ ID NO: 14  
133 <211> LENGTH: 8  
134 <212> TYPE: PRT  
135 <213> ORGANISM: Homo sapien  
137 <400> SEQUENCE: 14  
138 Ala Ser Trp Asp Ala Glu Glu Phe  
139 1 5  
140 <210> SEQ ID NO: 15  
141 <211> LENGTH: 8  
142 <212> TYPE: PRT  
143 <213> ORGANISM: Homo sapien  
145 <400> SEQUENCE: 15  
146 Ala Thr Ala Arg Arg Pro Arg Trp  
147 1 5  
148 <210> SEQ ID NO: 16  
149 <211> LENGTH: 10  
150 <212> TYPE: PRT  
151 <213> ORGANISM: Homo sapien  
153 <400> SEQUENCE: 16  
154 Ala Val Ala Thr Ala Arg Arg Pro Arg Trp  
155 1 5 10  
156 <210> SEQ ID NO: 17  
157 <211> LENGTH: 10  
158 <212> TYPE: PRT  
159 <213> ORGANISM: Homo sapien  
161 <400> SEQUENCE: 17  
162 Ala Val Val His Glu Ile Val Arg Ser Phe  
163 1 5 10  
164 <210> SEQ ID NO: 18  
165 <211> LENGTH: 9  
166 <212> TYPE: PRT  
167 <213> ORGANISM: Homo sapien  
169 <400> SEQUENCE: 18  
170 Ala Val Tyr Thr Lys Val Val His Tyr  
171 1 5  
172 <210> SEQ ID NO: 19

RAW SEQUENCE LISTING

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Input Set : A:\-147-1.app

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173 <211> LENGTH: 9
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179 1 5
180 <210> SEQ ID NO: 20
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182 <212> TYPE: PRT
183 <213> ORGANISM: Homo sapien
185 <400> SEQUENCE: 20
186 Cys Ser Gly Lys Ile Val Ile Ala Arg Tyr
187 1 5 10
188 <210> SEQ ID NO: 21
189 <211> LENGTH: 10
190 <212> TYPE: PRT
191 <213> ORGANISM: Homo sapien
193 <400> SEQUENCE: 21
194 Cys Ser Pro Ser Cys Pro Leu Glu Arg Phe
195 1 5 10
196 <210> SEQ ID NO: 22
197 <211> LENGTH: 9
198 <212> TYPE: PRT
199 <213> ORGANISM: Homo sapien
201 <400> SEQUENCE: 22
202 Asp Ile Val Pro Pro Phe Ser Ala Phe
203 1 5
204 <210> SEQ ID NO: 23
205 <211> LENGTH: 10
206 <212> TYPE: PRT
207 <213> ORGANISM: Homo sapien
209 <400> SEQUENCE: 23
210 Asp Leu Phe Gly Ile Trp Ser Lys Val Tyr
211 1 5 10
212 <210> SEQ ID NO: 24
213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: Homo sapien
217 <400> SEQUENCE: 24
218 Asp Met Ser Leu Leu Lys Asn Arg Phe
219 1 5
220 <210> SEQ ID NO: 25
221 <211> LENGTH: 10
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapien
225 <400> SEQUENCE: 25
226 Asp Ser Leu Phe Ser Ala Val Lys Asn Phe
227 1 5 10
228 <210> SEQ ID NO: 26

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## RAW SEQUENCE LISTING

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Input Set : A:\-147-1.app

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235 1 5
236 <210> SEQ ID NO: 27
237 <211> LENGTH: 8
238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapien
241 <400> SEQUENCE: 27
242 Asp Ser Val Glu Leu Ala His Tyr
243 1 5
244 <210> SEQ ID NO: 28
245 <211> LENGTH: 10
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapien
249 <400> SEQUENCE: 28
250 Asp Val Tyr Asn Gly Leu Leu Pro Pro Tyr
251 1 5 10
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253 <211> LENGTH: 8
254 <212> TYPE: PRT
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257 <400> SEQUENCE: 29
258 Glu Ile Phe Asn Thr Ser Leu Phe
259 1 5
260 <210> SEQ ID NO: 30
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262 <212> TYPE: PRT
263 <213> ORGANISM: Homo sapien
265 <400> SEQUENCE: 30
266 Glu Leu Ala His Tyr Asp Val Leu Leu Ser Tyr
267 1 5 10
268 <210> SEQ ID NO: 31
269 <211> LENGTH: 10
270 <212> TYPE: PRT
271 <213> ORGANISM: Homo sapien
273 <400> SEQUENCE: 31
274 Glu Leu Ala Asn Ser Ile Val Leu Pro Phe
275 1 5 10
276 <210> SEQ ID NO: 32
277 <211> LENGTH: 10
278 <212> TYPE: PRT
279 <213> ORGANISM: Homo sapien
281 <400> SEQUENCE: 32
282 Glu Leu Gly Glu Tyr Ile Arg Lys Arg Tyr
283 1 5 10
284 <210> SEQ ID NO: 33

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*FYI*  
 Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/633,364

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TIME: 19:40:04

Input Set : A:\-147-1.app

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L:53635 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6698